

## **PUBLIC NOTICE**

**PERMIT APPLICATION:** NRS #06.094I

**APPLICANT:** TDOT

505 Deaderick Street  
Suite 900 James K Polk Bldg.  
Nashville, TN 37243-0339  
(615) 253-2477

**LOCATION:** SR-28 (US 127) Sawmill Ridge Road, North of Jamestown  
0.2 miles north of Big Dry Creek to 1.7 miles north of Big Dry Creek  
Site Lat. 36.4918° Long. -84.9685°  
**Fentress County**

This application is for an aquatic resource alteration permit for impacts to a previously unidentified stream along the 1.685-mile re-alignment of SR 28 (US 127). This project was previously public noticed in October 2006. The road is being moved and widened to include 3, 12ft lanes with 6ft shoulders. Other impacts associated with this project have been previously permitted.

**WATERSHED DESCRIPTION:** This project is located in the Obey Watershed (HUC 05130105) on the western edge of the Cumberland Plateau. Eight streams and one wetland will be impacted by this entire project. Six of these streams are headwater streams originating from springs and seeps. These streams have not been assessed to determine if they are meeting their designated uses. They have been determined to be Tier 1 waters. These streams drain to the Wolf River. The Wolf River, located approximately 1.5 miles from the end of this project, has been assessed as fully supporting its designated uses. The land surrounding the project area is forested and rural.

Color photos of the existing stream area are available on the Internet version of this notice at <http://www.state.tn.us/environment/wpc/ppo/arap>.

**USGS TOPO QUAD:** Pall Mall, TN (335-SW) and Jamestown, TN (115 NW).

**PROJECT DESCRIPTION:** Stream subject under NRS06.094 I, a spring-fed first order stream was discovered post permitting. It comes from a conduit under limestone boulders, north of the current US 127 alignment. The portion of the stream above US 127 flows on soil and gravel substrate with herbaceous canopy, under an existing driveway, then crosses under US 127 in a 24-inch diameter concrete pipe. The total stream length in that section is 155 feet. Downstream of US 127 this stream is under 100 percent canopy of downed trees and early successional vegetation, such as saw brier, hardwood saplings, etc. Flow continues for a currently undetermined distance, presumably to the watercourse labeled as WWC 3. As proposed, the springhead would be under the new US 127. TDOT has stated that they will try to maintain flow to the proposed riprap ditch that is to be constructed along the south side of the new US127. The plans do not show the proposed discharge point of this diverted flow; however, it is assumed that flow would travel down the riprap ditch to the ultimately joining stream 2. The division assumes that the stream

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segment will be eliminated as a result of this alteration. Total proposed mitigation for the elimination of this resource is payment of \$57,000 to the TN Stream Mitigation Program.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity **will** result in degradation to water quality. The stream has been evaluated as Tier I.

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation  
Division of Water Pollution Control, Natural Resources Section  
7th Floor L & C Annex  
401 Church Street  
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.

**PERMIT COORDINATOR:** Judy Manners

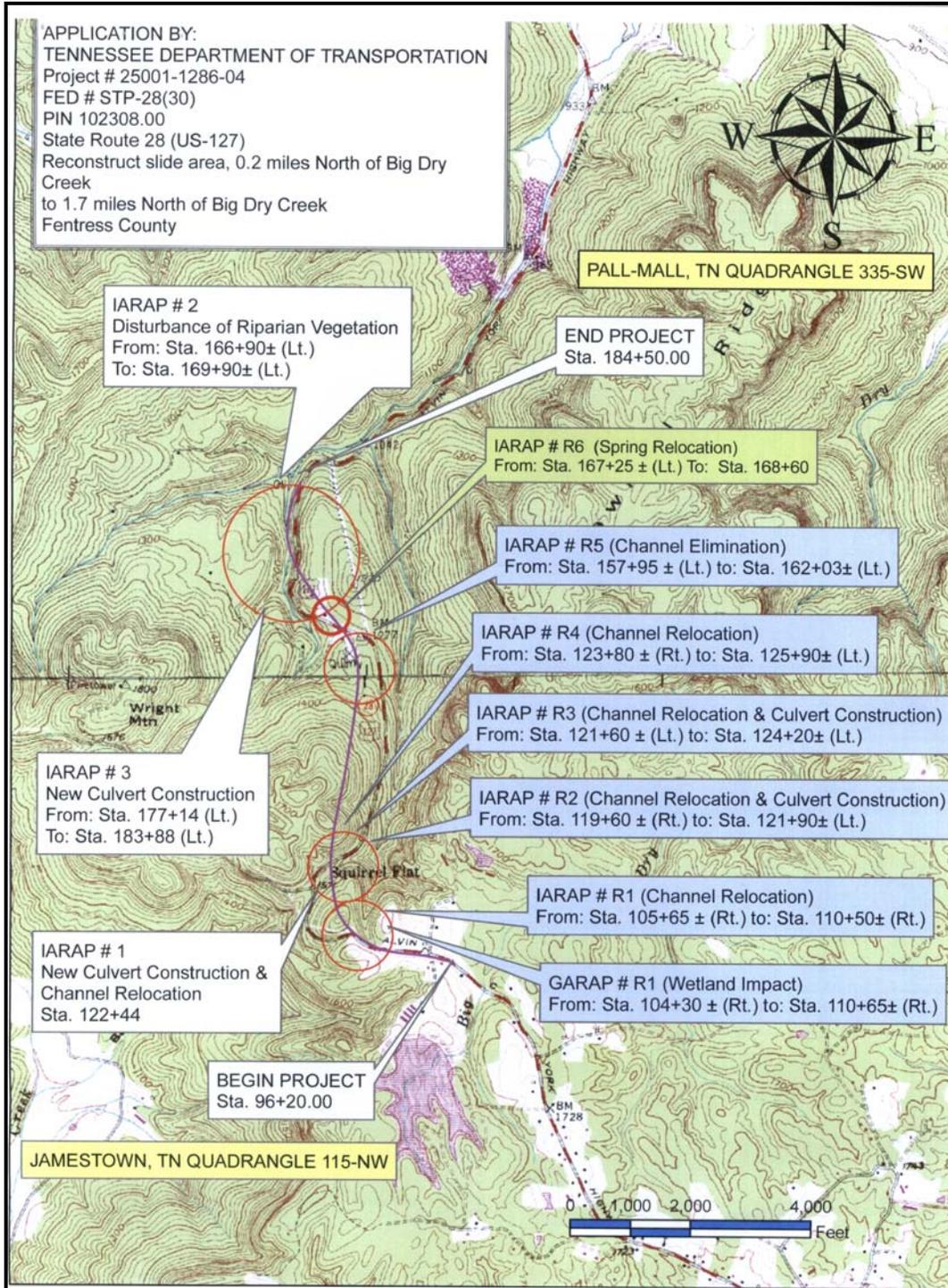


Figure 1: USGS topographic map with previous and current permit impacts



Photo 1: Spring head of Unt. 1 to Stream 2

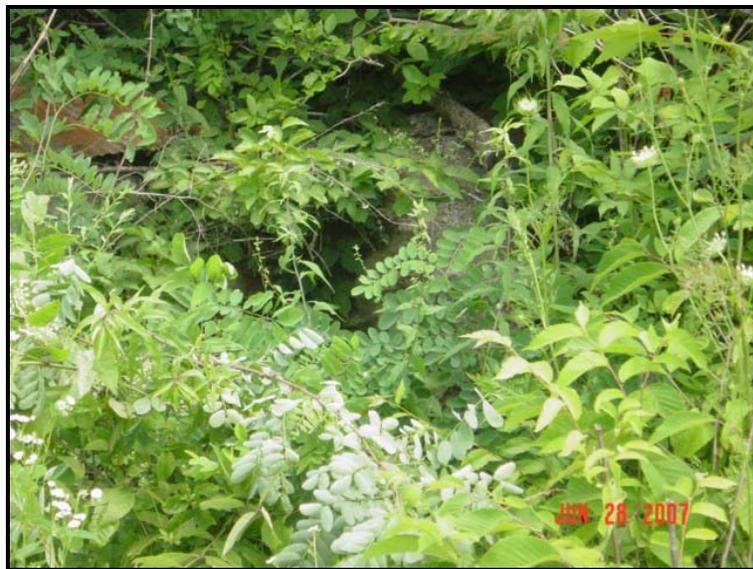


Photo 2



Photo 3: Flow in UNT 1 to stream 2



Photo 4:



Photo 5: UNT 1 crosses under US 127 in pipe where flagged



Photo 6: UNT1 flowing out of pipe under US127

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Photo 7: UNT1 flow downstream of US127





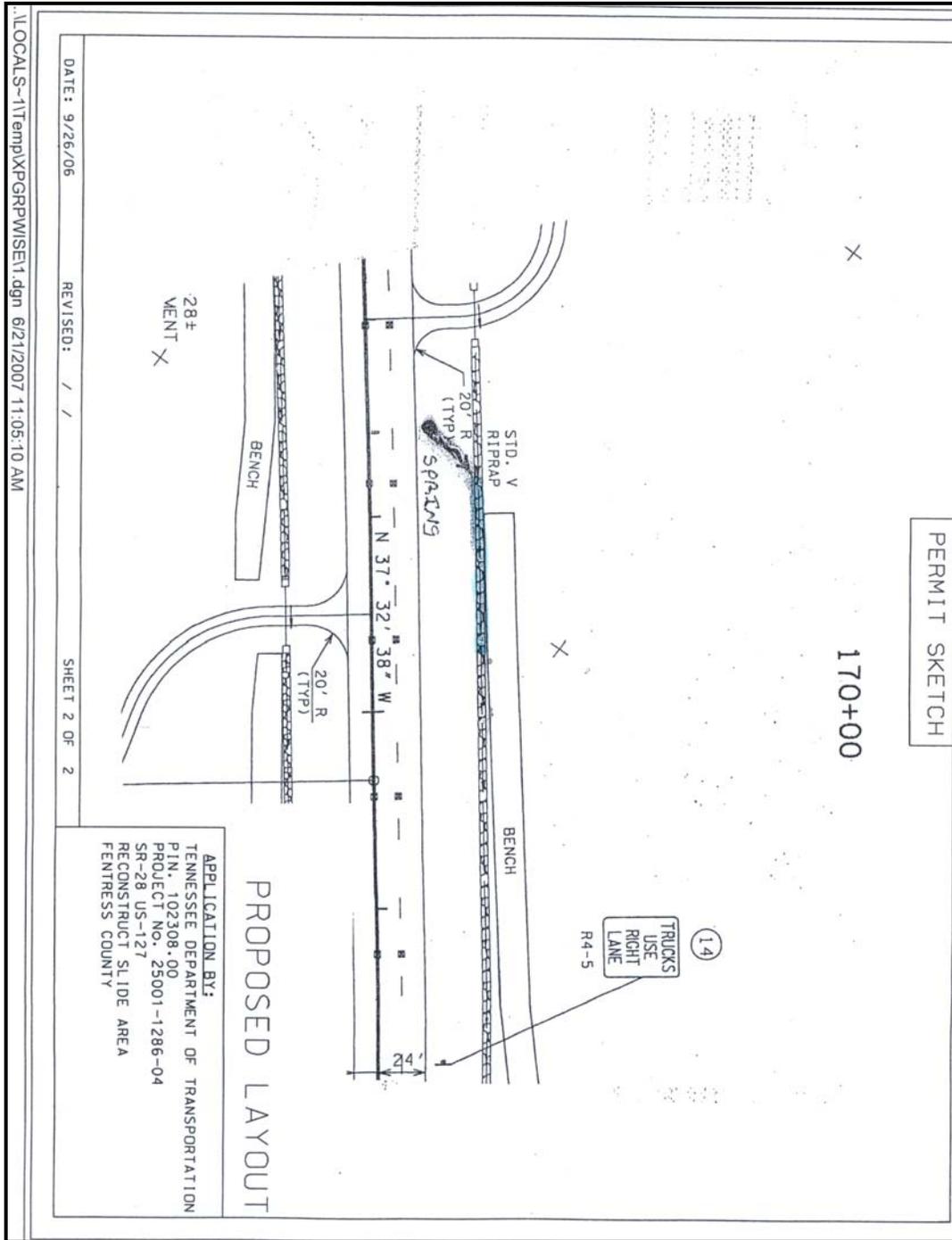


Figure 4: Proposed conditions with altered unidentified stream highlighted